

John L Stoddard

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

7,963
citations

136950

32
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

6798
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolved organic carbon trends resulting from changes in atmospheric deposition chemistry. <i>Nature</i> , 2007, 450, 537-540.	27.8	1,471
2	Acidic Deposition in the Northeastern United States: Sources and Inputs, Ecosystem Effects, and Management Strategies. <i>BioScience</i> , 2001, 51, 180.	4.9	868
3	SETTING EXPECTATIONS FOR THE ECOLOGICAL CONDITION OF STREAMS: THE CONCEPT OF REFERENCE CONDITION. , 2006, 16, 1267-1276.		823
4	Is Nitrogen Deposition Altering the Nitrogen Status of Northeastern Forests?. <i>BioScience</i> , 2003, 53, 375.	4.9	544
5	Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. , 2011, 21, 3049-3082.		373
6	A process for creating multimetric indices for large-scale aquatic surveys. <i>Journal of the North American Benthological Society</i> , 2008, 27, 878-891.	3.1	337
7	Long-Term Changes in Watershed Retention of Nitrogen. <i>Advances in Chemistry Series</i> , 1994, , 223-284.	0.6	321
8	The role of nitrate in the acidification of streams in the Catskill Mountains of New York. <i>Water Resources Research</i> , 1992, 28, 2707-2720.	4.2	189
9	Continental-Scale Increase in Lake and Stream Phosphorus: Are Oligotrophic Systems Disappearing in the United States?. <i>Environmental Science & Technology</i> , 2016, 50, 3409-3415.	10.0	187
10	Striving for consistency in a national assessment: the challenges of applying a reference-condition approach at a continental scale. <i>Journal of the North American Benthological Society</i> , 2008, 27, 860-877.	3.1	184
11	Development and Evaluation of a Macroinvertebrate Biotic Integrity Index (MBII) for Regionally Assessing Mid-Atlantic Highlands Streams. <i>Environmental Management</i> , 2003, 31, 656-669.	2.7	176
12	Trends in Surface Water Chemistry in Acidified Areas in Europe and North America from 1990 to 2008. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	167
13	Development of an Index of Biotic Integrity for the Mid-Atlantic Highlands Region. <i>Transactions of the American Fisheries Society</i> , 2001, 130, 857-877.	1.4	165
14	Condition of stream ecosystems in the US: an overview of the first national assessment. <i>Journal of the North American Benthological Society</i> , 2008, 27, 812-821.	3.1	164
15	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 105, 377-386.	2.4	159
16	A Structured Approach for Developing Indices of Biotic Integrity: Three Examples from Streams and Rivers in the Western USA. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 718-735.	1.4	143
17	Empirical Critical Loads of Atmospheric Nitrogen Deposition for Nutrient Enrichment and Acidification of Sensitive US Lakes. <i>BioScience</i> , 2011, 61, 602-613.	4.9	128
18	SOIL CALCIUM STATUS AND THE RESPONSE OF STREAM CHEMISTRY TO CHANGING ACIDIC DEPOSITION RATES. , 1999, 9, 1059-1072.		118

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19	Selecting reference sites for stream biological assessments: best professional judgment or objective criteria. <i>Journal of the North American Benthological Society</i> , 2007, 26, 349-360.	3.1	109
20	New Insights into the Source of Decadal Increases of Dissolved Organic Matter in Acid-Sensitive Lakes of the Northeastern United States. <i>Environmental Science & Technology</i> , 2012, 46, 3212-3219.	10.0	109
21	Stable isotope estimates of evaporation : inflow and water residence time for lakes across the United States as a tool for national lake water quality assessments. <i>Limnology and Oceanography</i> , 2014, 59, 2150-2165.	3.1	107
22	LAGOS-NE: a multi-scaled geospatial and temporal database of lake ecological context and water quality for thousands of US lakes. <i>GigaScience</i> , 2017, 6, 1-22.	6.4	102
23	Peer Reviewed: Have U.S. Surface Waters Responded to the 1990 Clean Air Act Amendments?. <i>Environmental Science & Technology</i> , 2004, 38, 484A-490A.	10.0	95
24	Trends in Surface Water Acidification in Europe and North America (1989â€“1998). <i>Water, Air, and Soil Pollution</i> , 2001, 130, 787-792.	2.4	89
25	Major Ion Chemistry and Sensitivity to Acid Precipitation of Sierra Nevada Lakes. <i>Water Resources Research</i> , 1985, 21, 27-32.	4.2	75
26	Chemical characteristics and temporal trends in eight streams of the Catskill Mountains, New York. <i>Water, Air, and Soil Pollution</i> , 1993, 67, 367-395.	2.4	73
27	Title is missing!. <i>Biogeochemistry</i> , 2002, 57, 341-374.	3.5	62
28	REGIONAL CHARACTERISTICS OF NUTRIENT CONCENTRATIONS IN STREAMS AND THEIR APPLICATION TO NUTRIENT CRITERIA DEVELOPMENT. <i>Journal of the American Water Resources Association</i> , 2002, 38, 213-239.	2.4	59
29	CAN SITE-SPECIFIC TRENDS BE EXTRAPOLATED TO A REGION? AN ACIDIFICATION EXAMPLE FOR THE NORTHEAST. , 1998, 8, 288-299.		56
30	Catskill Mountains. , 1991, , 237-271.		49
31	Trends in Catskill Stream Water Quality: Evidence From Historical Data. <i>Water Resources Research</i> , 1991, 27, 2855-2864.	4.2	40
32	Mapping watershed integrity for the conterminous United States. <i>Ecological Indicators</i> , 2018, 85, 1133-1148.	6.3	40
33	Using Relative Risk to Compare the Effects of Aquatic Stressors at a Regional Scale. <i>Environmental Management</i> , 2006, 38, 1020-1030.	2.7	39
34	Microcrustacean communities of high-elevation lakes in the Sierra Nevada, California. <i>Journal of Plankton Research</i> , 1987, 9, 631-650.	1.8	38
35	Cleaner air reveals growing influence of climate on dissolved organic carbon trends in northern headwaters. <i>Environmental Research Letters</i> , 2021, 16, 104009.	5.2	37
36	Sierra Nevada, California. , 1991, , 503-530.		37

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37	A Regional Analysis of Lake Acidification Trends for the Northeastern U.S., 1982-1994. Environmental Monitoring and Assessment, 1998, 51, 399-413.	2.7	33
38	Assessment of Nitrogen Leaching at ICP-Waters Sites (Europe and North America). Water, Air, and Soil Pollution, 2001, 130, 781-786.	2.4	33
39	Alkalinity dynamics in an unacidified alpine lake, Sierra Nevada, California1. Limnology and Oceanography, 1987, 32, 825-839.	3.1	31
40	Use of Ecological Regions in Aquatic Assessments of Ecological Condition. Environmental Management, 2004, 34, S61-S70.	2.7	22
41	Title is missing!. Water, Air, and Soil Pollution, 2003, 142, 409-424.	2.4	19
42	Trends and patterns in lake acidification in the State of Vermont: Evidence from the Long-Term Monitoring Project. Water, Air, and Soil Pollution, 1993, 67, 301-317.	2.4	18
43	The Temporally Integrated Monitoring of Ecosystems (TIME) Project Design: 2. Detection of Regional Acidification Trends. Water Resources Research, 1996, 32, 2529-2538.	4.2	11
44	Comment on Bachmann et al. (2013): A nonrepresentative sample cannot describe the extent of cultural eutrophication of natural lakes in the United States. Limnology and Oceanography, 2014, 59, 2226-2230.	3.1	11
45	Perspectives on environmental monitoring: An introduction to the U.S. EPA Long-Term Monitoring (LTM) Project. Water, Air, and Soil Pollution, 1993, 67, 247-255.	2.4	10
46	The Temporally Integrated Monitoring of Ecosystems (TIME) Project Design: 1. Classification of Northeast Lakes Using a Combination of Geographic, Hydrogeochemical, and Multivariate Techniques. Water Resources Research, 1996, 32, 2517-2528.	4.2	10
47	Genus-level, trait-based multimetric diatom indices for assessing the ecological condition of rivers and streams across the conterminous United States. Ecological Indicators, 2022, 141, 109131.	6.3	9
48	Micronutrient and phosphorus limitation of phytoplankton abundance in Gem Lake, Sierra Nevada, California. Hydrobiologia, 1987, 154, 103-111.	2.0	7
49	A Regional Analysis of Lake Acidification Trends for the Northeastern U.S., 1982-1994. , 1998, , 399-413.		7
50	A Comparison of the Temporally Integrated Monitoring of Ecosystems and Adirondack Long-Term Monitoring Programs in the Adirondack Mountain Region of New York. Water, Air, and Soil Pollution, 2011, 222, 285-296.	2.4	6
51	Effects and Empirical Critical Loads of Nitrogen for Ecoregions of the United States. Environmental Pollution, 2015, , 129-169.	0.4	3